

**Monoclonal Anti-SARS Coronavirus/SARS-Related Coronavirus 2 Nucleocapsid Protein
(produced *in vitro*)**

Catalog No. NR-53794

Sino Biological Catalog No. 40143-R004

Product Description:

Antibody Class: IgG

Clone: 004

NR-53794 is a recombinant monoclonal rabbit antibody, prepared against the severe acute respiratory syndrome coronavirus (SARS-CoV) nucleocapsid (N) protein (Sino Biological 40143-V08B), that was expressed from HEK293 cells and purified. NR-53794 is specific to the SARS-CoV N protein as shown in ELISA and western blot analysis, with cross reactivity to the N protein from SARS-CoV-2 (BEI Resources NR-53797; Sino Biological 40588-V08B). No cross reactivity was observed in ELISA with N proteins from MERS-CoV, HCoV-229E, HCoV-NL63, HCoV-HKU1 (isolate N5) or HCoV-OC43.

Lot: MA14JU1901

Manufacturing Date: 19JUN2020

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG
Concentration	Report results	1.14 mg per mL
Functional Activity Western blot analysis ELISA	Report results Report results	Reactive ¹ Reactive ²
Sterility	0.2 µm filter-sterilized	0.2 µm filter-sterilized

¹Using a 1:1000-1:5000 dilution of NR-53794

²Using a 1:5000-1:10000 dilution of NR-53794

/Heather Couch/

Heather Couch

29 SEP 2020

Program Manager or designee, ATCC Federal Solutions

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